# Discovery Reports Preliminary Feasibility Study on Cordero with After-Tax NPV of US\$1.2 Billion and 28% IRR

January 24, 2023, Toronto, Ontario - Discovery Silver Corp. (TSX-V: DSV, OTCQX: DSVSF) ("Discovery" or the "Company") is pleased to announce results from its Preliminary Feasibility Study ("PFS" or "the Study") on its 100%-owned Cordero silver project ("Cordero" or "the Project") located in Chihuahua State, Mexico. The PFS project team was led by Ausenco Engineering Canada Inc. ("Ausenco"), with support from AGP Mining Consultants Inc. ("AGP") and Knight Piésold Ltd. ("Knight Piésold"). Highlights include (all figures are in US\$ unless otherwise noted):

- Excellent project economics: Base Case after-tax NPV5% of \$1.2 Billion (C\$1.5 Billion) and IRR of 28% (Ag \$22.00/oz, Au \$1,600/oz, Pb \$1.00/lb and Zn \$1.20/lb).
- Extended mine life & higher production: 18-year mine life with average annual production of 33
  Moz AgEq representing an increase of ~40% in total AgEq ounces produced over the life of the
  Project compared to the 2021 Preliminary Economic Assessment ("PEA").
- **High margins & low capital intensity maintained:** average AISC of \$12.80/oz AgEq in Years 1 to 12 with an initial development capex of \$455 M resulting in an attractive NPV-to-capex ratio of 2.5x.
- Significantly de-risked Reserve base: new Reserves declared of Ag 266 Moz, Au 790 koz, Pb 2,970 Mlb and Zn 4,650 Mlb; more than 70% of mill feed in Years 1 to 5 classified as Proven.
- Exceptional silver price leverage: PFS mine plan assumes only 42% of Measured & Indicated Resource tonnes are processed; clear potential to significantly extend mine life at higher silver prices.
- ESG/economic contribution: total estimated taxes payable of \$1.2 Billion, a peak estimated local
  workforce of over 1,000 employees and over \$4 Billion of expected goods and services purchased
  locally within Mexico over the life of the mine.

Tony Makuch, CEO, states: "We are extremely pleased with the results from our Pre-Feasibility Study. The PFS positions Cordero uniquely in the silver developer space with a long mine life of 18 years and production averaging over 35 Moz AgEq in the first 12 years of the mine life. This represents an approximate 40% increase in total ounces produced compared to our 2021 PEA. Despite significant industry-wide cost escalation over the last year, cost savings from a streamlined process design and improved metallurgical performance have resulted in a highly capital efficient project with excellent margins.

"The Study also outlines the significant economic contribution the Project will have through employment, taxes and the purchases of local goods and services in the Municipality of Parral, in Chihuahua State and in Mexico. We now look forward to advancing the Project toward a Feasibility Study and surfacing additional value through numerous optimization opportunities we have already identified."

The Company will be hosting a Conference Call to present the PFS results on Tuesday January 24, 2023, at 11:00am ET. A presentation by management will be followed by Q&A.

Webcast Details: https://www.c-meeting.com/web3/joinTo/3VP4ZPTDAK29QC/G\_IL\_k7v36d-fwfTnE5iaw

#### PRE-FEASIBILITY STUDY SUMMARY

## **Project Economics**

The economics for the PFS were based on the following metal prices: Ag - \$22.00/oz, Au - \$1,600/oz, Pb - \$1.00/lb and Zn - \$1.20/lb. Sensitivity of the Project's expected after-tax NPV, IRR and payback at different commodity price assumptions is outlined in the table below:

	Units	Base Case	Spot Price	Base Case +15%	Base Case -15%
After-Tax NPV (5% discount rate)	(US\$ M)	\$1,153	\$1,723	\$1,797	\$508
Internal Rate of Return	(%)	28.0%	35.9%	37.5%	16.9%
Payback	(yrs)	4.2	3.4	3.2	6.0

Spot Price assumptions (as at close on January 20, 2023): Ag = \$23.87/oz, Au = \$1,925/oz, Pb = \$0.97/lb, Zn = \$1.54/lb

#### **Production & Costs**

Annual production over the life-of-mine ("LOM") is expected to average 33 Moz AgEq. In Years 5 – Year 12 production averages 40 Moz AgEq with peak production in Year 11 of 52 Moz AgEq. These production levels position Cordero as one of the largest primary silver mines globally.

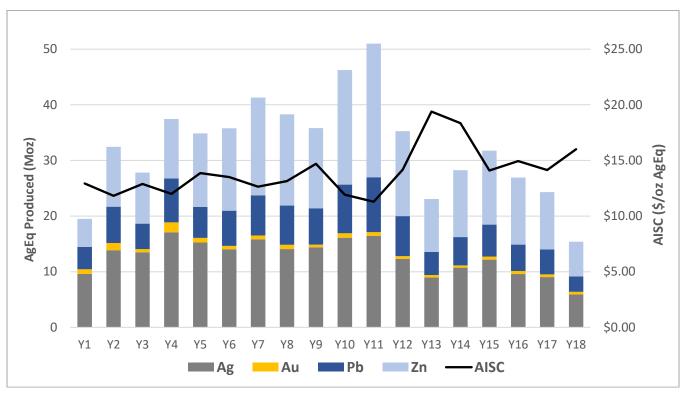
All-In Sustaining Costs ("AISC") average \$12.80/oz AgEq in Year 1 – Year 12 and \$13.62/oz AgEq over the LOM. This represents an approximate increase of 10% versus the PEA. This increase is primarily due to higher treatment and refining charges and industry wide cost escalation including higher assumed prices for consumables, diesel (\$1.10/L vs \$1.00/L in PEA) and power (\$0.068/kWh vs \$0.062/kWh). These increases were offset to a large extent by cost reductions from lower reagent consumptions and unit cost reductions attributable to higher throughput rates in the PFS compared to the PEA.

A summary of AgEq production and AISC is provided in the table below. A breakdown of the production proportions of each individual metal and AISC over the LOM is provided in the graph below the table.

	Units	Year 1 – 4	Year 5 - 12	Year 13 -18	LOM
AgEq Produced – Average/yr	(Moz)	30	40	25	33
AgEq Payable – Average/yr	(Moz)	25	34	21	27
AgEq Produced - Total	(Moz)	118	322	151	591
AgEq Payable - Total	(Moz)	102	268	124	494
All-In Sustaining Cost (AISC)	(US\$/AgEq oz)	\$12.29	\$12.99	\$16.05	\$13.62

Note – AgEq Produced is metal recovered in concentrate. AgEq Payable is metal payable from concentrate and incorporates metal payment terms outlined in the Concentrate Terms section below. AgEq is calculated as  $Ag + (Au \times 72.7) + (Pb \times 45.5) + (Zn \times 54.6)$ ; these factors are based on metal prices of Ag - 22/0z, Au - 1,600/0z, Au -

#### **LOM Production & AISC**



Note – Au/Pb/Zn production is shown on an AgEq basis based on: Ag = \$22/oz, Au = \$1,600/oz, Pb = \$1.00/lb and Zn = \$1.20/lb

#### 2023 PFS vs 2021 PEA Summary

The PFS incorporates numerous significant positive developments in comparison to the PEA. Based on drilling success at depth and in the northeast of the deposit the size of the open pit has increased by over 30% and the strip ratio has improved to 2.1:1. This additional drilling has also significantly increased the confidence level of the underlying resource with the PFS supported by Reserves of which 54% are in the Proven category.

The PFS incorporates throughput rates of 25,500 tpd in Phase 1 and 51,000 tpd in Phase 2, ~25% higher than the PEA. This has resulted in average annual production increasing by 27% over an extended mine life of 18 years. The process design has been streamlined based on the excellent results from the 2022 metallurgical testwork program with the co-processing of oxides and sulphides via flotation allowing for the elimination of the heap leach circuit.

The payback period has increased to 4.2 years. This is due to the delay in processing oxide material from eliminating the heap leach and given the mill expansion occurs in Year 3 of the mine life (deferral of the expansion would reduce the payback period to 3.0 years). The payback period has been significantly de-risked with more than 70% of the mill feed in Years 1 to Year 5 in the Proven category and the removal of the elevated risk typically associated with heap leach ramp ups.

Initial capital increased by 24% to \$455 M. This was primarily due to the 25% increase in the initial size of the plant, a switch to owner-operated mining (assuming lease finance of mine equipment) driven by the growth in size of the open pit (the PEA assumed contractor mining) and cost inflation.

PARAMETER	UNITS	2023 PFS	2021 PEA	
SUMMARY				
After-Tax NPV (5% discount rate)	(US\$ M)	\$1,153	\$1,160	
Internal Rate of Return	(%)	28.0%	38.2%	
Mine Life	(yrs)	18	16	
Initial Capital	(US\$ M)	\$455	\$368	
Payback	(yrs)	4.2	2.0	
OPERATIONS				
Tonnes Processed (LOM – Total)	(Mt)	302	228	
Strip ratio (LOM)	(w:o)	2.1	2.2	
PRODUCTION & COSTS				
AgEq Produced (LOM – Annual Average)	(Moz)	33	26	
AgEq Produced (LOM – Total)	(Moz)	591	426	
All-In Sustaining Cost (Y1 – Y12)	(US\$/AgEq oz)	\$12.82	\$11.73	
All-In Sustaining Cost (LOM)	(US\$/AgEq oz)	\$13.62	\$12.35	

Project Economics are based on Ag = \$22.00/oz, Au = \$1,600/oz, Pb = \$1.00/lb, Zn = \$1.20/lb. See Technical Disclosure section for AgEq and AISC calculation methodology.

## **Feasibility Study Opportunities**

The Feasibility Study ("FS") is already being advanced and is expected to be completed in 1Q 2024. Key areas for optimization in the FS include:

- **Metallurgical performance**: further testwork to improve recoveries and optimize the mine schedule through modifying the blending of rock types and oxides/sulphides.
- **Mining costs:** an evaluation of optimal bench height and mine equipment sizing to potentially increase the size of mining equipment and reduce unit mining costs.
- **Processing costs:** additional comminution testwork targeting reduced power and grinding media consumption and further flotation testwork targeting lower reagent consumption and reagent substitutions.
- **Timing of mill expansion:** evaluation of deferral of the mill expansion to accelerate the payback period
- Tailings Storage facility (TSF): optimization of the tailing storage design as well as the water efficiency and recirculation within the TSF. Further work will be completed on the option to use filtered (dry stacked) tailings (the PFS assumed high-density thickened tailings).
- Mine life extension: the FS will incorporate an additional ~30,000 m of drilling in and around the pit focused on upgrading the resource classification within the pit and expanding and upgrading resource blocks between the open pit and the Resource constraining pit shell. There is also over 270 Mt of Measured & Indicated Resource that sits outside the PFS design pit but within the Resource pit shell that could significantly extend the mine life at higher metal prices.

#### **Resource Update**

In conjunction with the PFS, the Mineral Resource Estimate for Cordero has been updated to incorporate an additional 67,800 m of drilling (total drilling of 287,400 m in 706 drill holes). The Measured & Indicated Resource has grown by 35% to 1,132 Moz AgEq and the Inferred Resource has grown by 40% to 119 Moz AgEq as summarized below. This resource expansion has largely been driven by exploration success at depth and in the northeast part of the deposit.

- Measured & Indicated Resource of 1,132 Moz AgEq at an average grade of 49 g/t AgEq (716 Mt grading 20 g/t Ag, 0.06 g/t Au, 0.29% Pb and 0.54% Zn)
- Inferred Resource of 167 Moz AgEq at an average grade of 35 g/t AgEq (145 Mt grading 14 g/t Ag, 0.02 g/t Au, 0.23% Pb and 0.38% Zn)

Mineral resources that are not mineral reserves do not have demonstrated economic viability. Further details on the Resource including all supporting technical disclosure is outlined in Appendix A.

#### **CAPITAL EXPENDITURES**

Cordero is a highly capital-efficient project due to numerous underlying advantages:

- Deposit comes to surface resulting in minimal early mine development and pre-stripping
- Minimal earthworks due to gentle topography, the location of bedrock near-surface and favourable geotechnical characteristics of the bedrock
- Conventional process design based on excellent metal liberation at a very coarse grind size
- Phased approach to the expansion of the process plant
- Close proximity to existing infrastructure including nearby highway and adjacent powerline
- Favourable mining jurisdiction with access to a highly skilled local workforce and no need for a camp given the close proximity of the town of Parral

## Initial Capital (to achieve plant throughput of 9.3 Mt/a)

Initial capital to build Cordero Phase 1 is estimated to total \$455 million and will be incurred over a two-year construction period. This capital estimate includes the construction of on-site infrastructure, power transmission line, Phase 1 of the process plant with nameplate capacity of 9.3 Mt/a (25,500 tpd), all pre-stripping activities and construction of the TSF including the initial starter dam embankment providing 2 years of tailings storage.

Contingency for the initial capital estimate typically ranges from 15% to 20% (depending on cost type) and is applied to direct and indirect costs. Owners costs represent 5% of direct costs. Indirect costs represent 23% of direct costs. These proportions are in-line with typical industry averages and are consistent with a cost base for a project build in Mexico and commensurate with the level of complexity of the project build.

#### Expansion Capital (to expand plant to 18.6 Mt/a)

The processing facility will be expanded to a nameplate capacity of 18.6 Mtpa (51,000 tpd) in Year 3 and Year 4 at an estimated cost of \$290 million. This expansion includes the addition of parallel

grinding and flotation circuits, additional on-site infrastructure and a major tailings dam lift that is concurrent with plant expansion.

An expansion of the flotation circuit is planned for Year 9 at a cost of \$31 million. This includes the addition of cleaner flotation cells, a filter and a thickener to accommodate the higher zinc grades in Year 10 and Year 11.

## **Sustaining Capital**

Sustaining capital over the LOM totals \$228 million (includes closure costs net of salvage). This includes \$106 million to be spent on tailings management facility expansions, with the remainder to be spent on mine equipment, the process plant, mobile equipment and replacements/refurbishments of infrastructure assets. Sustaining capex for the process plant has been classified as operating costs under the maintenance category. Sustaining capex for mining only includes down payments on replacement equipment with the remaining lease costs classified as mine operating costs.

DESCRIPTION (all in US\$ millions)	INITIAL	CAPITAL	EXPANSIO	N CAPITAL	SUSTAINING	TOTAL	
DESCRIPTION (uii iii 033 millions)	Year -2	Year -1	Year 3/4	Year 9	LOM CAPEX	LOM CAPEX	
CAPITAL EXPENDITURES							
Mining	\$18	\$52	\$3	-	\$67	\$140	
Infrastructure	\$8	\$23	\$12	-	\$22	\$65	
Processing Plant	\$39	\$117	\$114	\$14	-	\$284	
Tailings Facility (TSF)	\$11	\$34	\$40	-	\$106	\$191	
Offsite Infrastructure	\$5	\$15	\$35	-	-	\$55	
Indirects	\$15	\$44	\$39	\$11	-	\$109	
Owners Costs	\$3	\$10	\$3	\$1	-	\$17	
Closure (net of Salvage Value)	-	-	-	-	\$24	\$24	
Contingency	\$15	\$46	\$43	\$5	\$9	\$118	
	\$114 \$341		4200	424	4220	44.000	
Capital Expenditures - Subtotals	\$4	55	\$289	\$31	\$228	\$1,003	

#### **OPERATIONS**

#### Mining

The mine plan incorporates accelerated stripping as well as stockpiling of low-grade material in order to optimize the grade profile over the LOM.

- The mine plan was completed by AGP and is based on a detailed mine design that incorporates mining dilution, safety berms and haul roads.
- Following a steady ramp up period mining rates over the life of the mine are relatively consistent at 60 to 70 Mt/a.
- The ultimate pit contains 942 Mt in total consisting of 302 Mt of ore and 640 Mt of waste for an average strip ratio of 2.1:1. The strip ratio is relatively even over the LOM.

 Pit slope designs were based on an assessment by Knight Piésold that was supported by five geotechnical core holes and logging of core from 102 exploration core holes.

#### **Processing**

Processing was broken into two main phases to optimize the capital efficiency of the project. Oxides and sulphides are co-processed up to a maximum oxide tonne proportion of 10% of total mill feed.

- Phase 1 throughput (Year 1 to Year 4): Year 1 is a ramp up year with throughput at 80% of nameplate capacity of 9.3 Mt/a (25,500 tpd). Year 4 is a transition year to Phase 2 throughput levels.
- Phase 2 throughput (Year 5+): Nameplate capacity of 18.6 Mt/a (51,000 tpd)
- Process design
  - Phase 1: primary crushing, grinding (SAG and ball milling to a targeted grind size of 200 micron) and two-stage flotation to produce Pb and Zn concentrates.
  - Phase 2: addition of parallel grinding and flotation circuits to produce Pb and Zn concentrates.

#### **Head grades**

The mine plan focuses on feeding higher grades to the mill earlier in the mine life:

- Year 1 4: processing of higher-grade sulphide material predominantly from the Pozo de Plata zone
- Year 5 12: processing of higher-grade sulphides from the NE Extension and the South Corridor
- Year 13 18: processing of mostly lower-grade material stockpiled during Year 1 to Year 12

TONNES PROCESSED / HEAD	LINUT	PHASE 1	PHA	SE 2	1004
GRADES	UNIT	Year 1 – 4	Year 5 – 12	Year 13 – 18	LOM
Oxide tonnes processed	(Mt)	1	7	11	19
Sulphide tonnes processed	(Mt)	42	142	100	283
Tonnes processed	(Mt)	43	149	149 111	
Head Grades					
Ag	(g/t)	46	29	19	27
Au	(g/t)	0.20	0.07	0.05	0.08
Pb	(%)	0.65%	0.48%	0.31%	0.44
Zn	(%)	0.78%	0.75%	0.66%	0.70
AgEq	(g/t)	110	79	52	73

#### **Recoveries**

- Oxides: recoveries were based on five locked-cycle tests of oxide-sulphide blends completed in 2022. Oxide-only recoveries over the LOM average ~60% for Ag, ~35% for Pb and ~85% for Zn.
- **Sulphides:** recoveries were based on the 2021 and 2022 metallurgical test programs that included 19 locked-cycle tests and over 200 batch tests. Recoveries were estimated based on the grade-recovery relationship established from this test work. Sulphide-only recoveries over the LOM average ~89% for Ag, ~88% for Pb and ~85% for Zn.

Metal recoveries to the two concentrates based on the projected oxide-sulphide blends from the mine plan are summarized below:

METALLURGICAL RECOVERIES	PHASE 1	РНА	SE 2	LOM
(weighted average)	Year 1 – 4	Year 5 – 12	Year 13 – 18	LOIVI
Ag	90%	87%	82%	87%
Au	22%	22%	22%	22%
Pb	89%	87%	83%	86%
Zn	86%	86%	84%	85%

# **Tailings Storage Facility (TSF)**

- The TSF design was completed by Knight Piésold and is based on deposition of high-density thickened tailings into a tailings storage facility that utilizes the 'downstream expansion' embankment construction method.
- The TSF is located directly east of the open pit. The design incorporates a total of five dam stages over the LOM (starter dam and four downstream expansions).
- Total capacity of the TSF is greater than the estimated volume requirement of 302Mt generated by the PFS mine plan and additional downstream expansion can be incorporated to store additional tailings if required.
- An evaluation of using a filtered (dry stack) tailings facility will be completed as part of the FS.

## **OPERATING COST**

Operating costs are summarized in the table below.

PARAMETER	UNITS	PFS COST	PEA COST
OPERATING COSTS			
Mining	\$/t mined	\$2.45	\$2.23
Mining	\$/t milled	\$7.56	\$7.03
Processing – Milling (Phase 1)	\$/t milled	\$6.46	\$7.01
Processing – Milling (Phase 2)	\$/t milled	\$6.36	\$6.57
Site G&A (Phase 2)	\$/t milled	\$0.57	\$0.86

#### Mining

- Mining is assumed to be owner-operated with lease financing. Estimated mining costs were built from first principles by AGP. The cost of diesel was assumed to be \$1.10/L compared to \$1.00/L in the PEA.
- The lease financing structure assumes a 20% initial deposit, a term of five years and an annual lease financing cost of 6%.

## **Processing**

- Processing costs for the crushing/milling/flotation/concentrate dewatering, and G&A costs were developed by Ausenco from first principles.
- Processing costs benefit from a conventional grinding and flotation concentrator process design, low power costs and a targeted coarse grind size of 200 micron.
- Processing cost per tonne decreased compared to the PEA despite inflationary pressures due to higher throughput rates and significantly lower reagent consumption based on additional metallurgical test work results.

#### G&A

G&A costs estimates are based on a small camp and administration office at site. The majority of
the work force will be Mexican nationals commuting daily from the town of Parral. Parral is 34 km
south of Cordero and has a population of approximately 120,000. It is the regional government
centre in the southern part of Chihuahua State and has a well-established service industry that
supports numerous local mining operations.

## **CONCENTRATE TERMS**

# **Metal Payable**

- Cordero is expected to produce clean, highly saleable concentrates with minimal penalty elements.
- Industry standard payables and deductions were applied to the Pb and Zn concentrates as per the table below. A metallurgical balance summary is included in the Appendices.
- Approximately 81% of the contained Ag in ore reports to the Pb concentrate where higher silver payabilities are received.

	Ag	Au	Pb	Zn
Pb Concentrate				
Average concentrate grade LOM	2,650 g/t	1.4 g/t	52%	-
Payable metal	95%	95%	95%	-
Minimum deduction	50 g/t	1 g/t	3 units	-
Zn Concentrate				
Average concentrate grade LOM	370 g/t	0.7 g/t	-	51%
Payable metal	70%	70%	-	85%
Deduction	3 oz/t	1 g/t	-	-

#### **Treatment/Refining Charges**

• Treatment and refining charges are based on a review of spot and recent benchmark pricing and are summarized as follows:

PARAMETER	UNITS	PFS COST	5-YEAR BENCHMARK AVERAGE		
TREATMENT/REFINING CHARGES					
Treatment charge – Pb concentrate	\$/dmt	\$130	~\$130		
Treatment charge – Zn concentrate	\$/dmt	\$210	~\$215		
Ag refining charge – Pb concentrate	\$/oz	\$1.20	~\$1.05		

## **Concentrate Transportation**

- Transportation costs assume trucking of the concentrate via containers to the international port at Guaymas, Sonora, and then shipping via ocean freight to Asia.
- Estimated transportation costs (trucking, port handling and ocean freight) are \$140/wet metric tonne ("wmt") for Pb concentrate and \$125/wmt for Zn concentrate.

## **TECHNICAL DISCLOSURE:**

- Mineral resources that are not mineral reserves do not have demonstrated economic viability.
- A full technical report will be prepared in accordance with NI 43-101 and will be filed on SEDAR within 45 days of this press release.
- AgEq produced and AgEq payable are calculated as Ag + (Au x 72.7) + (Pb x 45.5) + (Zn x 54.6);
   these factors are based on metal prices of Ag \$22/oz, Au \$1,600/oz, Pb \$1.00/lb and Zn \$1.20/lb.
- All-in Sustaining cost (AISC) is calculated as: [Operating costs (mining, processing and G&A) +
  Royalties + Concentrate Transportation + Treatment & Refining Charges + Concentrate Penalties +
  Sustaining Capital (excluding \$15M of capex for the initial purchase of mining fleet in Year 1)] /
  Payable AgEq ounces

#### **APPENDIX:**

An appendix with the following supporting information can be found at the end of the release or the following link: <u>Appendices</u>

Appendix A - Mineral Resource Estimate

Appendix B – Mineral Reserve Estimate

Appendix C – After-Tax NPV/IRR/Payback Sensitivities

Appendix D - LOM Mine Plan Summary

Appendix E - LOM Process Throughput Summary

Appendix F - After-Tax Free Cash Flow

Appendix G - Simplified Process Flowsheets

Appendix H – Metallurgical Balance Summary

Appendix I - Site Layout

Appendix J - LOM Production & Cash Flow Schedule

#### **About Discovery**

Discovery's flagship project is its 100%-owned Cordero project, one of the world's largest silver deposits. The PFS summarized in today's release demonstrates that Cordero has the potential to be developed into a highly capital efficient mine that offers the combination of margin, size and scaleability. Cordero is located close to infrastructure in a prolific mining belt in Chihuahua State, Mexico. Continued exploration and project development at Cordero is supported by a strong balance sheet with cash of approximately C\$45 million.

On Behalf of the Board of Directors, **Tony Makuch, P.Eng** CEO

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#### **Qualified Person**

The PFS for the Company's Cordero project as summarized in this release was completed by Ausenco with support from by AGP and Knight Piésold. A full technical report supporting the PFS will be prepared in accordance with NI 43-101 and will be filed on SEDAR within 45 days of this press release. The most recent technical report for the Cordero Project is the 2021 Preliminary Economic Assessment (PEA). The PEA was completed by Ausenco Engineering Canada Inc. with support from AGP Mining Consultants Inc. and Knight Piésold and Co. (USA). The full technical report supporting the PEA is available on Discovery's website and on SEDAR under Discovery Silver Corp. The scientific and technical content of this press release was reviewed and approved by Gernot Wober, Vice President Exploration for the Company, who is a "Qualified Person" as defined by National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101").

#### FORWARD-LOOKING STATEMENTS:

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

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#### Cautionary Note Regarding Forward-Looking Statements

This news release may include forward-looking statements that are subject to inherent risks and uncertainties. All statements within this news release, other than statements of historical fact, are to be considered forward looking. Although Discovery believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those described in forward-looking statements. Statements regarding the results of the pre-feasibility study and the anticipated capital and operating costs, sustaining costs, net present value, internal rate of return, payback period, process capacity, average annual metal production, average process recoveries, concession renewal, permitting of the Project, anticipated mining and processing methods, proposed pre-feasibility study production schedule and metal production profile, anticipated construction period, anticipated mine life, expected recoveries and grades, anticipated production rates, infrastructure, social and environmental impact studies, availability of labour, tax rates and commodity prices that would support development of the Project. Information concerning mineral resource/reserve estimates and the economic analysis thereof contained in the results of the pre-feasibility study are also forward-looking statements in that they reflect a prediction of the mineralization that would be encountered, and the results of mining, if a mineral deposit were developed and mined. Forward-looking statements are statements that are not historical facts which address events, results, outcomes or developments that the Company expects to occur. Forward-looking statements are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made and they involve a number of risks and uncertainties. Factors that could cause actual results to differ materially from those described in forward-looking statements include fluctuations in market prices, including metal prices, continued availability of capital and financing, and general economic, market or business conditions. There can be no assurances that such statements will prove accurate and, therefore, readers are advised to rely on their own evaluation of such uncertainties. Discovery does not assume any obligation to update any forward-looking statements except as required under applicable laws. The risks and uncertainties that may affect forward-looking statements, or the material factors or assumptions used to develop such forward-looking information, are described under the heading "Risks Factors" in the Company's Annual Information Form dated July 29, 2022, which is available under the Company's issuer profile on SEDAR at www.sedar.com.

#### **NON-GAAP MEASURES:**

The Company has included certain non-GAAP performance measures as detailed below. In the mining industry, these are common performance measures but may not be comparable to similar measures presented by other issuers and the non-GAAP measures do not have any standardized meaning. Accordingly, it is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

#### **CASH COSTS PER OUNCE**

The Company calculated total cash costs per ounce by dividing the sum of operating costs, royalty costs, production taxes, refining and shipping costs, by payable silver-equivalent ounces. While there is no standardized meaning of the measure across the industry, the Company believes that this measure is useful to external users in assessing operating performance.

#### **ALL-IN SUSTAINING COSTS ("AISC")**

The Company has provided an AISC performance measure that reflects all the expenditures that are required to produce an ounce of payable metal. While there is no standardized meaning of the measure across the industry, the Company's definition conforms to the all-in sustaining cost definition as set out by the World Gold Council in its guidance dated June 27, 2013. Subsequent amendments to the guidance have not materially affected the figures presented.

#### FREE CASH FLOW

Free Cash Flow is a non-GAAP performance measure that is calculated as cash flows from operations net of cash flows invested in mineral property, plant and equipment and exploration and evaluation assets. The Company believes that this measure is useful to the external users in assessing the Company's ability to generate cash flows from its mineral projects.

#### APPENDIX A - MINERAL RESOURCE ESTIMATE

		<b>T</b>			Grade				Con	tained M	letal	
Material	Class	Tonnes	Ag	Au	Pb	Zn	AgEq	Ag	Au	Pb	Zn	AgEq
		(Mt)	(g/t)	(g/t)	(%)	(%)	(g/t)	(Moz)	(koz)	(Mlb)	(Mlb)	(Moz)
	Measured	21	30	0.08	0.23	0.25	49	21	51	109	117	33
Outda	Indicated	42	24	0.06	0.24	0.31	46	33	85	224	288	62
Oxide	M&I	63	26	0.07	0.24	0.29	47	54	136	333	405	95
	Inferred	36	18	0.04	0.28	0.37	43	21	40	216	292	49
	Measured	250	23	0.08	0.33	0.57	55	185	604	1,824	3,132	439
Culmbida	Indicated	403	18	0.04	0.27	0.56	46	228	524	2,387	4,947	598
Sulphide	M&I	653	20	0.05	0.29	0.56	49	413	1128	4,211	8,079	1037
	Inferred	109	13	0.02	0.21	0.38	33	46	82	510	923	118
	Measured	271	24	0.08	0.32	0.55	55	206	655	1,933	3,249	472
TOTAL	Indicated	445	19	0.04	0.27	0.54	46	261	609	2,611	5,235	660
TOTAL	M&I	716	20	0.06	0.29	0.54	49	467	1,264	4,544	8,484	1,132
	Inferred	145	14	0.02	0.23	0.38	35	67	122	726	1,215	167

# **Supporting Technical Disclosure for Resource**

- Mineral Resource Estimates are inclusive of Mineral Reserves.
- The previous Cordero mineral resource estimate (MRE) was completed in November 2021 for Cordero by RedDot3D Inc. (RedDot). The current mineral resource estimate was calculated for Discovery Silver by RedDot, with final review by Richard Schwering of Hard Rock Consulting who is acting as this report's QP for mineral resources.
- Mineral resources that are not mineral reserves do not have demonstrated economic viability.
- The Resource is an in-pit resource containing a total of 860 Mt of Mineral Resource and 1,501 Mt of waste (below NSR\$7.25 cut off) for total tonnes of 2,361,Mt). The pit is constrained by a pit optimisation based on the following parameters:
  - Commodity prices: Ag \$24.00/oz, Au \$1,800/oz, Pb \$1.10/lb, Zn \$1.20/lb.
  - Metallurgical recoveries: Ag 87%, Au 18%, Pb 89% and Zn 88%. AgEq for sulphide mineralization and Ag 59%, Au 18%, Pb 37% and Zn 85% for oxide mineralization.
  - Operating costs:
    - Base mining costs of \$1.59/t for ore and \$1.59/t for waste were developed by AGP Mining Consultants Inc.
    - Processing costs of \$5.22/t for mill/flotation and G&A costs of \$0.86/t were developed by Ausenco Engineering Canada Inc.
  - Average pit slope assumption of 45°
- Sulphide and Oxide mineral resources are reported at a \$7.25/t NSR cut-off based on the approximate estimated processing and G&A
  cost for mineralization. NSR is defined as the net revenue from metal sales (taking into account metallurgical recoveries and payabilities)
  less treatment costs and refining charges.
- Individual metals are reported at 100% of in-situ grade.
- AgEq for sulphide mineral resources is calculated as Ag + (Au x 15.52) + (Pb x 32.15) + (Zn x 34.68); these factors are based on commodity prices of Ag \$24.00/oz, Au \$1,800/oz, Pb \$1.10/lb, Zn \$1.20/lb and assumed recoveries of Ag 87%, Au 18%, Pb 89% and Zn 88%. AgEq for oxide mineral resources is calculated as Ag + (Au x 22.88) + (Pb x 19.71) + (Zn x 49.39); this factor is based on commodity prices of Ag \$24.00/oz and Au \$1,800/oz and assumed recoveries of Ag 59%, Au 18%, Pb 37% and Zn 85%
- There are no known factors or issues that materially affect the mineral resource and mineral reserve estimates other than normal risks
  faced by mining projects in Mexico in terms of legal, environmental, permitting, taxation, socio-economic, and political factors. Additional
  risk factors are listed in the "Cautionary Note Regarding Forward-Looking Statements" section in this news release
- The effective date of the Resource is January 18, 2023, and is based on drilling through end of May 2022. A full technical report will be
  prepared in accordance with NI 43-101 and will be filed on SEDAR within 45 days of this press release.

# APPENDIX B - MINERAL RESERVE ESTIMATE

		_		Gra	ade		Contained Metal				
Material	Class	Tonnes	Ag	Au	Pb	Zn	Ag	Au	Pb	Zn	
		(Mt)	(g/t)	(g/t)	(%)	(%)	(Moz)	(Moz)	(Blb)	(Blb)	
	Proven	8	34	0.08	0.28	0.29	9	0.02	0.05	0.05	
Oxide	Probable	11	28	0.07	0.28	0.36	10	0.02	0.07	0.09	
	Total P&P	19	31	0.07	0.28	0.33	19	0.04	0.12	0.14	
	Proven	156	29	0.10	0.46	0.69	144	0.50	1.57	2.38	
Sulphide	Probable	128	25	0.06	0.44	0.76	104	0.25	1.23	2.14	
	Total P&P	284	27	0.08	0.45	0.72	248	0.75	2.79	4.52	
	Proven	164	29	0.10	0.45	0.67	153	0.52	1.63	2.42	
TOTAL	Probable	138	26	0.06	0.43	0.73	114	0.27	1.30	2.22	
	Total P&P	302	27	0.08	0.44	0.70	266	0.79	2.94	4.65	

## **Supporting Technical Disclosure for Reserves**

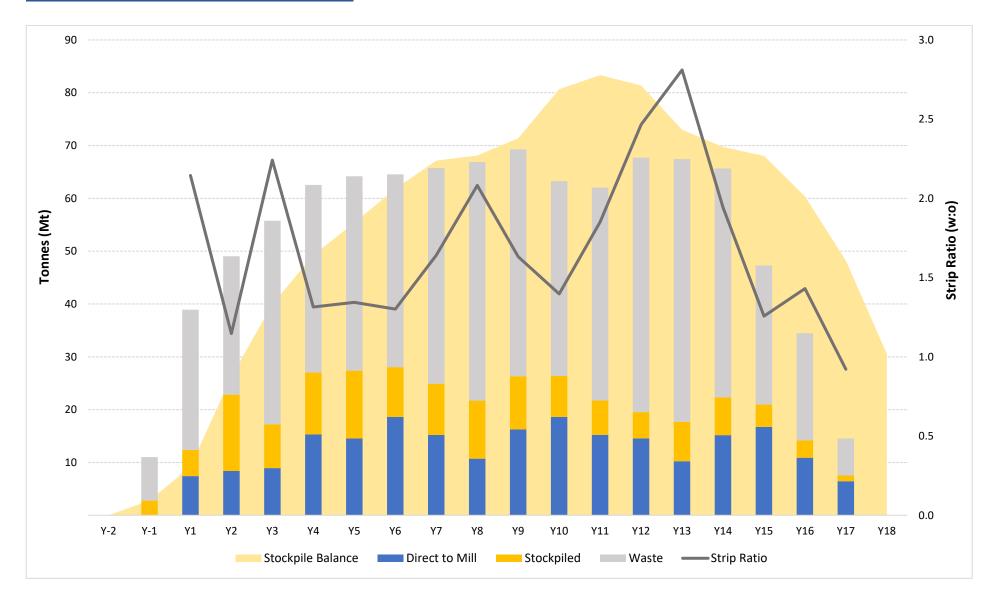
- This mineral reserve estimate has an effective date of January 18, 2023, and is based on the mineral resource estimate, for Discovery Silver by Richard Schwering of Hard Rock Consulting of the same date.
- The Mineral Reserve estimate was completed under the supervision of Manuel Jessen, P.Eng. of AGP, who is a Qualified Person as defined under NI 43-101.
- Mineral Reserves are stated within the final pit designs based on a US\$20.00/oz silver price, US\$1,600/oz gold price, US\$0.95/lb lead
  price and US\$1.20/lb zinc price.
- An NSR cut-off of US\$10.00/t was used to define sulfides reserves. The life-of-mine mining cost averaged US\$1.60/t mined, preliminary
  processing costs were US\$5.22/t ore and G&A was US\$0.89/t ore placed. The metallurgical recoveries were varied according to head
  grade and concentrate grades. Lead concentrate recoveries were approximately 82.5%, 12.6% and 91.8% for silver, gold, and lead
  respectively. Zinc concentrate recoveries were approximately 10.0%, 9.5% and 77.8% for silver, gold, and zinc respectively.

# **APPENDIX C: AFTER-TAX NPV / IRR / PAYBACK SENSITIVITIES**

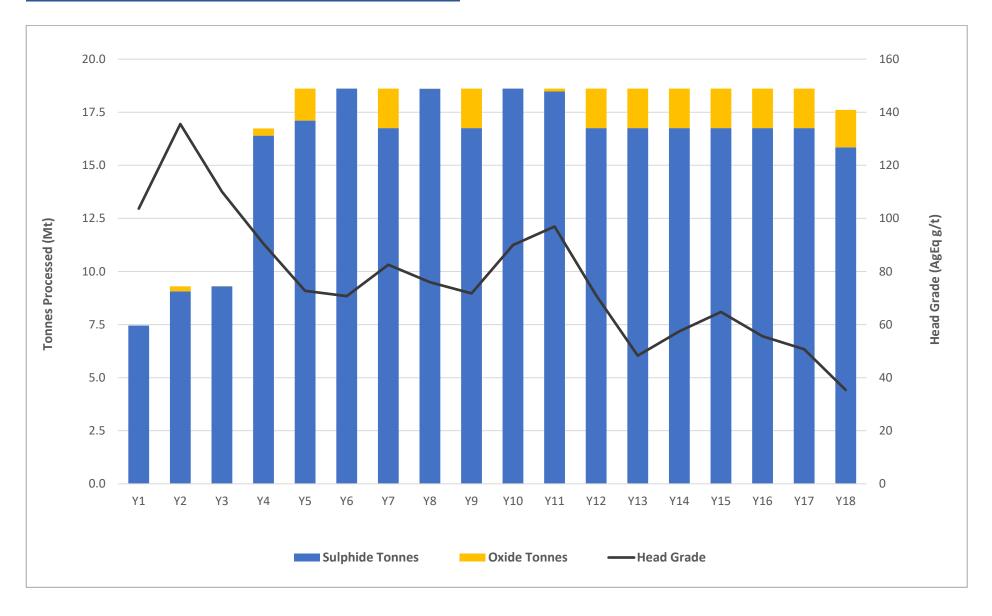
Sensitivity of the Project's NPV, IRR and payback at different Ag and Zn price assumptions is outlined in the table below. For these sensitivities the Au and Pb prices have been fixed at \$1,600/oz and \$1.00/lb respectively. The Base Case scenario for the PEA is highlighted in grey below and assumes Ag - \$22.00/oz, Au - \$1,600/oz, Pb - \$1.00/lb and Zn - \$1.20/lb.

									Ag (\$/oz	)						
			\$18.00		\$20.00			\$22.00				\$25.00		\$30.00		
		NPV (5%)	IRR	Payback	NPV (5%)	IRR	Payback	NPV (5%)	IRR	Payback	NPV (5%)	IRR	Payback	NPV (5%)	IRR	Payback
		(US\$M)	(%)	(yrs)	(US\$M)	(%)	(yrs)	(US\$M)	(%)	(yrs)	(US\$M)	(%)	(yrs)	(US\$M)	(%)	(yrs)
	\$1.05	638	19.3%	5.5	798	22.3%	5.0	958	25.2%	4.5	1,198	29.3%	3.9	1,599	36.0%	3.3
	\$1.10	703	20.3%	5.4	863	23.3%	4.8	1,023	26.1%	4.4	1,263	30.2%	3.9	1,664	36.8%	3.2
Zn (\$/lb)	\$1.20	832	22.4%	5.1	992	25.2%	4.6	1,153	28.0%	4.2	1,393	32.0%	3.7	1,794	38.4%	3.1
(+/10/	\$1.30	962	24.3%	4.8	1,122	27.1%	4.3	1,282	29.7%	4.0	1,523	33.7%	3.6	1,923	40.0%	3.0
	\$1.45	1,156	27.1%	4.4	1,317	29.7%	4.1	1,477	32.3%	3.7	1,717	36.1%	3.4	2,118	42.3%	2.2

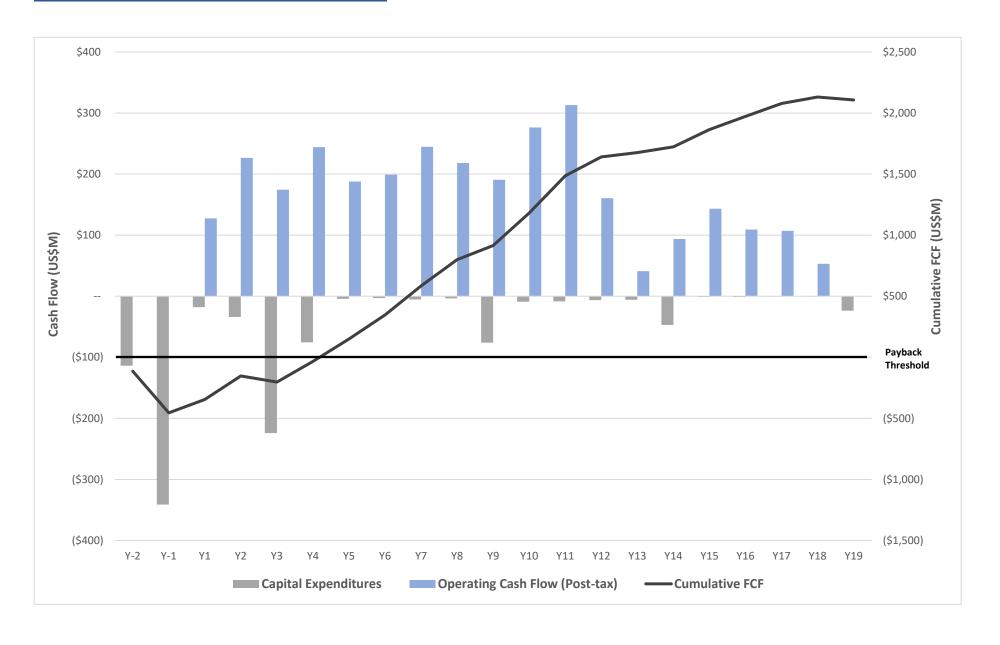
# **APPENDIX D - LOM MINE PLAN SUMMARY**



# APPENDIX E - LOM PROCESS THROUGHPUT SUMMARY

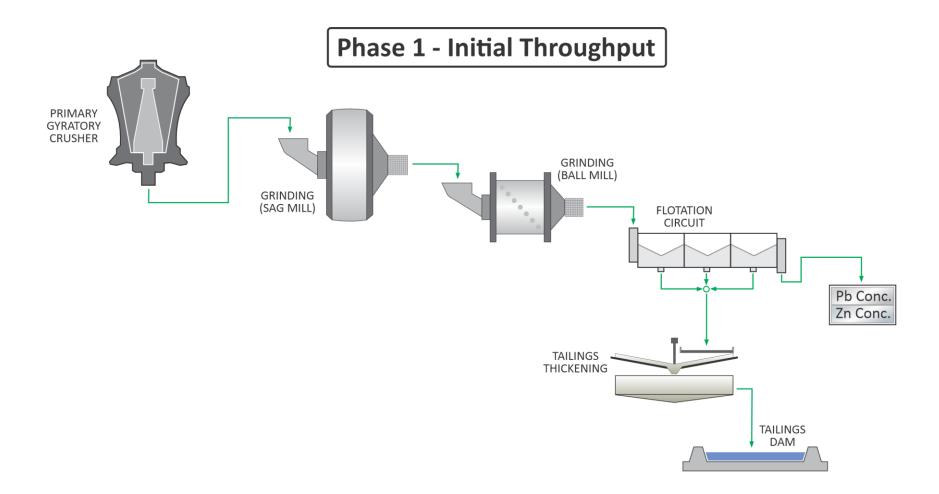


# **APPENDIX F - AFTER-TAX FREE CASH FLOW**

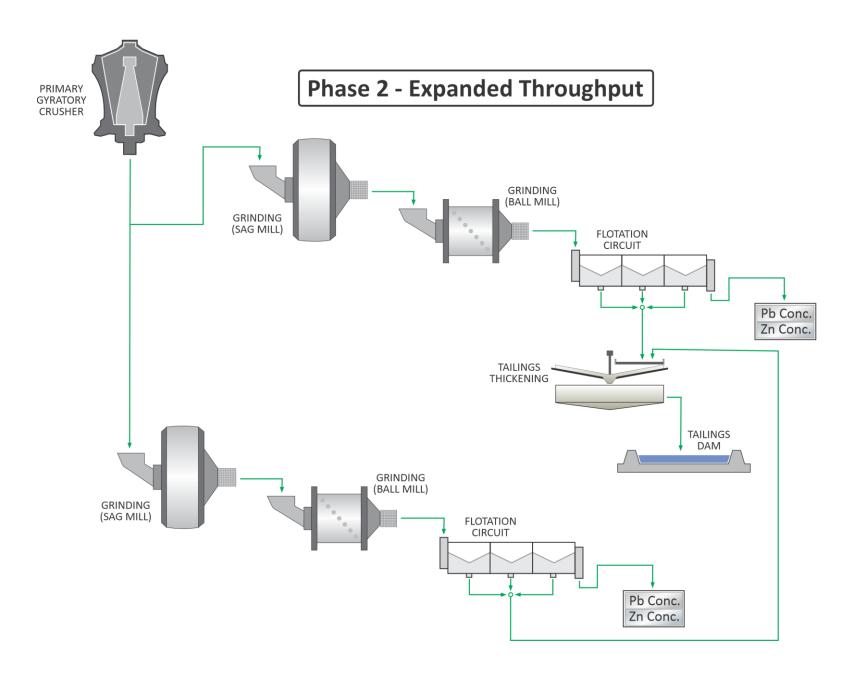


# **APPENDIX G - SIMPLIFIED PROCESS FLOWSHEETS**

PHASE 1 (25,500 tpd nameplate capacity):



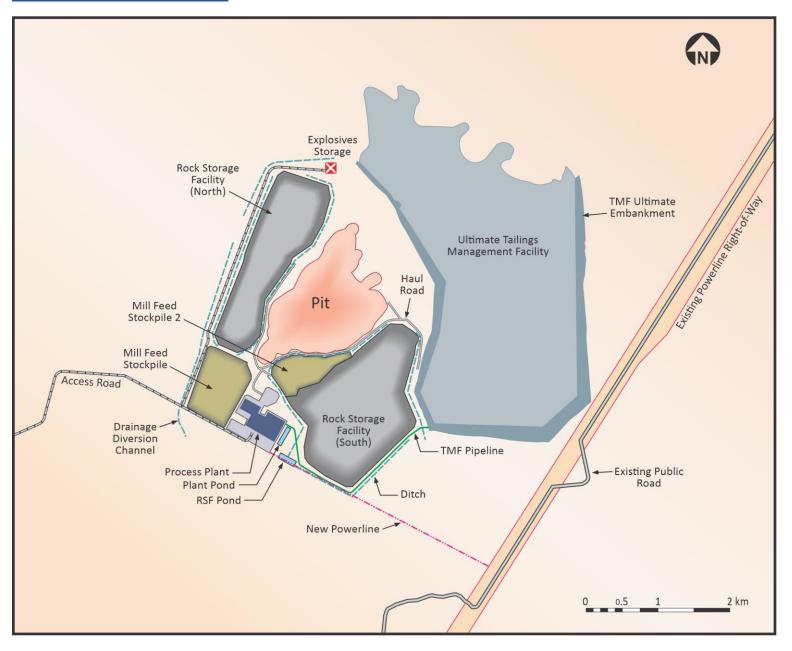
PHASE 2 (51,000 tpd nameplate capacity):



# <u>APPENDIX H – METALLURGICAL BALANCE SUMMARY</u>

			PHA	SE 1						LOM									
	UNITS		Years	1 - 4			Years	5 - 12			Years :	13 - 18		FOIAL					
		Ag	Au	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Pb	Zn	Ag	Au	Pb	Zn		
MET BALANCE																			
Average head grade	g/t or %	45	0.20	0.65	0.78	29	0.07	0.48	0.81	19	0.05	0.31	0.52	27	0.08	0.44	0.70		
Recovered to Pb Con	%	77%	13%	89%	6%	71%	13%	87%	7%	61%	13%	82%	7%	71%	13%	86%	7%		
Recovered to Zn Con	%	13%	10%	3%	85%	16%	10%	3%	86%	20%	10%	3%	83%	17%	10%	3%	85%		
Tailings	%	10%	77%	8%	9%	13%	77%	10%	7%	19%	77%	15%	10%	12%	77%	11%	8%		
Total	%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
CONCENTRATE GRADES																			
Pb Concentrate	g/t or %	3,546	2.57	58%	-	2,643	1.15	53%	-	2,129	1.17	45%	-	2,650	1.42	52%	-		
Zn Concentrate	g/t or %	450	1.55	-	51%	338	0.49	-	51%	448	0.58	-	50%	373	0.66	-	51%		

# **APPENDIX I - SITE LAYOUT:**



	Units	Total/Avg	Y-2	Y-1	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19
MINING																							
Mineralized Material Mined*	mt	333		3	14	26	23	26	25	25	24	20	22	28	21	17	10	15	17	11	6		
Waste Mined	mt	609		8	27	26	39	36	37	37	41	45	43	37	40	48	50	43	26	20	7		
Total Material Mined	mt	942		11	40	53	62	62	62	62	65	65	65	65	62	65	60	59	43	31	13		
Mining Rate	ktpd	143		30	111	144	169	169	169	169	178	178	178	178	169	178	164	161	119	86	37		
Strip Ratio**	w:o	2.1		3.0	1.9	1.0	1.7	1.4	1.5	1.5	1.7	2.3	2.0	1.3	1.9	2.9	4.8	2.8	1.6	1.9	1.1		
*Mineralized material mined includes 301	Mt of above cutoff ox	ides that are not p	rocessed.	or ore pro	cessed (ie: re	eserves), see	Processii	ng" section	below	•	•								•				
**Strip ratio is that of processed minerali	zed material (ie: ore i	in reserves) and ex	cludes the	unprocesse	ed 30Mt of a	bove cutoff	grade oxid	des left on s	stockpiles at	the end of	production (	ie: treated (	as waste in S	SR calculatio	n)								
<u>PROCESSING</u>																							
Oxides – Mill Feed:																							
Ore Tonnes	mt	19				0.2	0.0	0.3	1.5		1.9	0.0	1.9		0.1	1.9	1.9	1.9	1.9	1.9	1.9	1.8	
Ore Grades:																							
Ag	g/t	31				61	35	41	42		31	44	29		36	31	28	28	28	28	28	28	
Au	g/t	0.07				0.07	0.09	0.06	0.05		0.07	0.03	0.08		0.08	0.06	0.08	0.08	0.08	0.08	0.08	0.08	
Pb	%	0.28%				0.76%	1.29%	0.36%	0.30%		0.29%	0.69%	0.24%		0.49%	0.41%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	
Zn	%	0.33%				1.07%	1.29%	0.27%	0.25%		0.29%	0.35%	0.29%		0.46%	0.54%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	
AgEq	g/t	57				130	130	67	65		56	81	53		74	67	53	53	53	53	53	53	
Sulphides – Mill Feed:																							
Ore Tonnes	mt	284			7	9	9	16	17	19	17	19	17	19	18	17	17	17	17	17	17	16	
Mill Head Grade:																							
Ag	g/t	27			44	51	50	36	30	27	31	27	28	30	31	24	17	21	24	19	18	12	
Au	g/t	0.08			0.22	0.28	0.12	0.21	0.09	0.06	0.07	0.08	0.05	0.09	0.07	0.05	0.04	0.04	0.06	0.05	0.05	0.05	
Pb	%	0.45%			0.63%	0.82%	0.58%	0.56%	0.38%	0.41%	0.50%	0.45%	0.45%	0.55%	0.63%	0.49%	0.29%	0.35%	0.40%	0.33%	0.31%	0.19%	
Zn	%	0.72%			0.63%	1.03%	0.88%	0.60%	0.68%	0.72%	0.90%	0.79%	0.74%	0.97%	1.13%	0.76%	0.48%	0.62%	0.69%	0.62%	0.53%	0.32%	
AgEq	g/t	74			104	136	110	91	73	71	85	76	74	90	97	71	48	58	66	56	51	33	
TOTAL ORE - Mill Feed:																							
Ore Tonnes	mt	302			7	9	9	17	19	19	19	19	19	19	19	19	19	19	19	19	19	18	
Mill Head Grade:																							
Ag	g/t	27			44	52	50	36	31	27	31	27	28	30	31	25	19	22	24	20	19	14	
Au	g/t	0.08			0.22	0.27	0.12	0.20	0.09	0.06	0.07	0.08	0.05	0.09	0.07	0.05	0.05	0.04	0.06	0.05	0.05	0.05	
	+			1	<del>                                     </del>	<b>-</b>	1	+	<b> </b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>				l	l	1	1	1	1	_

Pb

Zn

AgEq

Ag

Au

Pb

Ag

Au

Zn

Lead/Silver Conc. – Recovery:

Zinc Conc. – Recovery:

%

%

g/t

%

%

%

%

%

%

0.44%

0.70%

73

71%

13%

86%

17%

10%

85%

0.63%

0.63%

104

78%

13%

90%

12%

10%

84%

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0.82%

1.03%

136

77%

13%

90%

12%

10%

88%

0.58%

0.88%

110

77%

13%

89%

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86%

0.56%

0.60%

90

75%

13%

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14%

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83%

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0.64%

73

65%

13%

84%

18%

10%

84%

0.41%

0.72%

71

74%

13%

87%

14%

10%

85%

0.48%

0.84%

83

68%

13%

85%

17%

10%

87%

0.45%

0.79%

76

75%

13%

88%

14%

10%

85%

0.43%

0.70%

72

67%

13%

85%

17%

10%

85%

0.55%

0.97%

90

77%

13%

89%

13%

10%

87%

0.63%

1.12%

97

77%

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13%

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0.48%

0.74%

71

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84%

18%

10%

85%

0.29%

0.47%

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61%

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82%

0.34%

0.59%

57

64%

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0.19%

0.32%

35

54%

13%

78%

23%

10%

79%

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	Units	Total/Avg	Y-2	Y-1	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19
PRODUCTION PROFILE																							'
METAL PRODUCED:																							
Ag – Ag/Pb Concentrate	moz	186			8	12	12	14	12	12	13	12	11	14	14	10	7	8	10	7	7	4	
Au – Ag/Pb Concentrate	koz	100			7	10	5	14	7	5	5	6	4	6	5	4	4	3	4	4	4	4	
Pb – Ag/Pb Concentrate	mlbs	2,513			93	151	105	183	129	147	167	163	151	203	229	167	96	118	133	110	104	64	
AgEq – Ag/Pb Concentrate	moz	326			13	20	17	24	19	20	22	21	20	25	27	19	12	15	17	14	13	8	
Ag – Zn Concentrate	moz	43			1	2	2	3	3	2	3	2	3	2	2	3	2	2	3	2	2	2	
Au – Zn Concentrate	koz	75			5	8	3	10	5	4	4	5	3	5	4	3	3	2	3	3	3	3	
Zn – Zn Concentrate	mlbs	3,986			87	185	156	185	223	249	297	277	244	348	405	260	161	203	225	203	174	105	
AgEq – Zn Concentrate	moz	265			6	13	11	13	16	16	20	18	16	22	25	17	11	14	15	14	12	8	
Ag – Total	moz	229			10	14	13	17	15	14	16	14	14	16	16	12	9	11	12	10	9	6	
Au – Total	koz	175			12	18	8	24	12	8	9	11	7	11	9	6	6	5	8	7	7	6	
Pb – Total	mlbs	2,513			93	151	105	183	129	147	167	163	151	203	229	167	96	118	133	110	104	64	
Zn – Total	mlbs	4,314			92	197	168	196	242	271	322	301	264	377	440	280	175	221	244	221	188	114	
AgEq – Total Metal Produced	moz	591			20	33	28	38	35	36	42	39	36	47	52	36	23	29	32	27	25	16	
METAL PAYABLE:																						+	
Ag – Ag/Pb Concentrate	moz	177			8	11	11	14	11	11	12	11	11	13	13	9	6	8	9	7	7	4	
Au – Ag/Pb Concentrate	koz	47			4	7	2	9	3	1	1	2	4	1	5	3	0	3	0	1	1	1	
Pb – Ag/Pb Concentrate	mlbs	2,368			89	143	100	173	121	138	158	154	143	192	217	157	90	110	125	103	97	59	
AgEq – Ag/Pb Concentrate	moz	288			12	18	16	22	17	18	19	18	18	22	24	17	10	13	15	12	11	7	
Ag – Zn Concentrate	moz	22			1	1	1	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1	
Au – Zn Concentrate	koz	7			2	2		4															
Zn – Zn Concentrate	mlbs	3,360			73	157	132	155	187	210	251	233	205	294	344	219	135	171	189	170	146	88	
AgEq – Zn Concentrate	moz	206			5	10	8	10	12	13	15	14	13	17	20	13	9	11	12	10	9	6	
Ag – Total	moz	199			9	12	12	15	13	12	14	12	12	14	14	11	8	9	10	8	8	5	
Au – Total	koz	54			6	8	2	13	3	1	1	2	4	1	5	3	0	3	0	1	1	1	
Pb – Total	mlbs	2,368			89	143	100	173	121	138	158	154	143	192	217	157	90	110	125	103	97	59	
Zn – Total	mlbs	3,360			73	157	132	155	187	210	251	233	205	294	344	219	135	171	189	170	146	88	
AgEq – Total Metal Payable	moz	494			17	28	24	32	29	30	35	32	30	39	43	30	19	24	26	22	20	13	

	Units	Total/Avg	Y-2	Y-1	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19
REVENUE																							
OXIDES + SULPHIDES:																							
Ag Revenue	US\$mm	\$4,387			\$190	\$272	\$265	\$335	\$291	\$271	\$301	\$271	\$275	\$310	\$315	\$232	\$168	\$202	\$231	\$180	\$170	\$110	
Au Revenue	US\$mm	\$87			\$10	\$14	\$3	\$20	\$4	\$1	\$1	\$2	\$6	\$2	\$8	\$6	\$1	\$5	\$1	\$1	\$1	\$2	
Pb Revenue	US\$mm	\$2,368	-		\$89	\$143	\$100	\$173	\$121	\$138	\$158	\$154	\$143	\$192	\$217	\$157	\$90	\$110	\$125	\$103	\$97	\$59	
Zn Revenue	US\$mm	\$4,032	1		\$88	\$188	\$158	\$186	\$225	\$252	\$301	\$280	\$246	\$353	\$412	\$263	\$163	\$205	\$227	\$204	\$175	\$106	
Gross Revenue	US\$mm	\$10,874	1		\$376	\$617	\$526	\$715	\$641	\$662	\$761	\$707	\$669	\$857	\$952	\$658	\$421	\$522	\$583	\$488	\$443	\$277	-
Treatment & Refining Charges	US\$mm	\$1,243	1		\$36	\$62	\$53	\$71	\$71	\$77	\$88	\$83	\$76	\$101	\$113	\$79	\$51	\$63	\$69	\$61	\$54	\$34	-
Total Penalties	US\$mm	\$58	-		\$2	\$3	\$2	\$3	\$3	\$3	\$4	\$4	\$3	\$5	\$6	\$4	\$2	\$3	\$3	\$3	\$2	\$1	
Net Revenue - Total	US\$mm	\$9,572			\$339	\$551	\$471	\$641	\$567	\$581	\$669	\$620	\$590	\$751	\$833	\$575	\$367	\$457	\$510	\$424	\$386	\$242	
OPERATING COSTS																							
UNIT COSTS:																							
Mine (Incl. Rehandling)	US\$/t Moved	\$2.45			\$2.44	\$2.31	\$2.31	\$2.39	\$2.42	\$2.30	\$2.34	\$2.26	\$2.18	\$2.35	\$2.48	\$2.32	\$2.44	\$2.56	\$2.84	\$3.04	\$4.45		
Processing	US\$/t Processed	\$6.38			\$6.56	\$6.46	\$6.46	\$6.38	\$6.36	\$6.36	\$6.36	\$6.36	\$6.36	\$6.36	\$6.48	\$6.36	\$6.36	\$6.36	\$6.36	\$6.36	\$6.36	\$6.37	
Site G&A Costs	US\$/t Processed	\$0.62			\$1.32	\$1.06	\$1.06	\$0.63	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.57	\$0.60	
OPERATING COSTS INCURED:																							
Mine (Incl. Rehandling)	US\$mm	\$2,286			\$98	\$121	\$142	\$147	\$149	\$141	\$151	\$146	\$141	\$152	\$153	\$150	\$146	\$150	\$123	\$95	\$60	\$18	
Processing	US\$mm	\$1,929			\$49	\$60	\$60	\$107	\$118	\$118	\$118	\$118	\$118	\$118	\$121	\$118	\$118	\$118	\$118	\$118	\$118	\$112	
Site G&A Costs	US\$mm	\$188			\$10	\$10	\$10	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	\$11	
<b>Total Site Operating Costs</b>	US\$mm	\$4,402	1		\$157	\$191	\$212	\$264	\$278	\$270	\$280	\$275	\$270	\$281	\$284	\$279	\$275	\$279	\$252	\$224	\$189	\$140	-
NSR - Government	US\$mm	\$21	1		\$1	\$1	\$1	\$2	\$1	\$1	\$1	\$1	\$1	\$1	\$2	\$1	\$1	\$1	\$1	\$1	\$1	\$1	-
Concentrate Transport	US\$mm	\$816			\$22	\$39	\$31	\$45	\$46	\$50	\$57	\$55	\$50	\$66	\$75	\$54	\$35	\$42	\$46	\$41	\$37	\$24	
Total Operating Costs	US\$mm	\$5,239			\$180	\$232	\$245	\$311	\$325	\$322	\$339	\$331	\$321	\$349	\$360	\$334	\$311	\$322	\$299	\$266	\$227	\$165	
CASH COSTS:																							
Co-Product Basis:	***																						
Operating Cash Costs	US\$/oz AgEq	\$8.91			\$9.20	\$6.83	\$8.86	\$8.14	\$9.53	\$8.99	\$8.10	\$8.57	\$8.88	\$7.22	\$6.56	\$9.34	\$14.39	\$11.76	\$9.51	\$10.08	\$9.37	\$11.13	
Total Cash Costs	US\$/oz AgEq	\$13.23			\$12.70	\$10.60	\$12.55	\$11.86	\$13.70	\$13.38	\$12.48	\$13.02	\$13.19	\$11.68	\$11.08	\$13.93	\$19.05	\$16.34	\$14.03	\$14.86	\$14.08	\$15.90	
All-in Sustaining Costs	US\$/oz AgEq	\$13.62			\$12.89	\$11.80	\$12.86	\$11.97	\$13.84	\$13.48	\$12.63	\$13.13	\$14.67	\$11.91	\$11.27	\$14.15	\$19.36	\$18.32	\$14.08	\$14.92	\$14.11	\$15.96	

	Units	Total/Avg	Y-2	Y-1	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19
CAPITAL EXPENDITURES																							
Initial/Expansion Capex	US\$mm	\$774	\$114	\$341			\$216	\$72					\$31										
Sustaining Capex (incl. Net Closure)	US\$mm	\$228			\$18	\$34	\$8	\$3	\$4	\$3	\$5	\$3	\$45	\$9	\$8	\$6	\$6	\$47	\$1	\$1	\$1	\$1	\$24
Total Capital Expenditures	US\$mm	\$1,003	\$114	\$341	\$18	\$34	\$224	\$76	\$4	\$3	\$5	\$3	\$76	\$9	\$8	\$6	\$6	\$47	\$1	\$1	\$1	\$1	\$24
FREE CASH FLOW VALUATION																							
Net Revenue	US\$mm	\$9,572			\$339	\$551	\$471	\$641	\$567	\$581	\$669	\$620	\$590	\$751	\$833	\$575	\$367	\$457	\$510	\$424	\$386	\$242	
Operating Expenses	US\$mm	(\$4,402)			(\$157)	(\$191)	(\$212)	(\$264)	(\$278)	(\$270)	(\$280)	(\$275)	(\$270)	(\$281)	(\$284)	(\$279)	(\$275)	(\$279)	(\$252)	(\$224)	(\$189)	(\$140)	
Concentrate Transportation	US\$mm	(\$816)			(\$22)	(\$39)	(\$31)	(\$45)	(\$46)	(\$50)	(\$57)	(\$55)	(\$50)	(\$66)	(\$75)	(\$54)	(\$35)	(\$42)	(\$46)	(\$41)	(\$37)	(\$24)	
Royalties	US\$mm	(\$21)			(\$1)	(\$1)	(\$1)	(\$2)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$2)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	
EBITDA	US\$mm	\$4,333			\$159	\$320	\$226	\$329	\$242	\$259	\$330	\$288	\$268	\$402	\$473	\$241	\$56	\$134	\$211	\$158	\$159	\$77	
Capital Expenditures	US\$mm	(\$1,003)	(\$114)	(\$341)	(\$18)	(\$34)	(\$224)	(\$76)	(\$4)	(\$3)	(\$5)	(\$3)	(\$76)	(\$9)	(\$8)	(\$6)	(\$6)	(\$47)	(\$1)	(\$1)	(\$1)	(\$1)	(\$24)
Pre-Tax Free Cash Flow	US\$mm	\$3,331	(\$114)	(\$341)	\$141	\$286	\$2	\$254	\$238	\$256	\$324	\$285	\$192	\$393	\$464	\$235	\$51	\$87	\$210	\$157	\$159	\$76	(\$24)
Mining Tax	US\$mm	(\$325)			(\$12)	(\$24)	(\$17)	(\$25)	(\$18)	(\$19)	(\$25)	(\$22)	(\$20)	(\$30)	(\$35)	(\$18)	(\$4)	(\$10)	(\$16)	(\$12)	(\$12)	(\$6)	
Income Tax Payable	US\$mm	(\$898)			(\$19)	(\$69)	(\$35)	(\$61)	(\$36)	(\$41)	(\$60)	(\$49)	(\$57)	(\$95)	(\$124)	(\$63)	(\$11)	(\$31)	(\$52)	(\$37)	(\$41)	(\$18)	
Post-Tax Free Cash Flow	US\$mm	\$2,108	(\$114)	(\$341)	\$110	\$193	(\$50)	\$169	\$183	\$196	\$239	\$215	\$115	\$267	\$305	\$154	\$35	\$47	\$142	\$108	\$106	\$52	(\$24)
		Pre-Tax	Post	Post-Tax																			
NPV (5%)	US\$mm	\$1,902	\$1,:	\$1,153																			
IRR	%	38.9%	28.	28.0%																			
Payback	Years	3.1	4.	.2																			